

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits  | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|--------------------|------------------|---------|---------------------|
| S1    | 1     | 10/599992   | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:01 |
| S2    | 17358 | (369/44.22 369/44.26-<br>44.27 369/44.29-44.31<br>369/44.34-44.36<br>369/47.38-47.39<br>369/447.45 369/47.49<br>369/47.55 369/53.2-<br>53.25 369/53.28<br>369/112.02 369/112.23-<br>112.26 369/275.1-275.5<br>428/64.1-64.9<br>430/270.11-270.21).<br>ccls. | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:03 |
| S3    | 172   | S2 and (actuat\$ magnet<br>\$ coil\$1) with (sil (solid<br>near (immersion\$<br>emersion\$) pluralit\$3<br>multiple\$1 compound\$3<br>near\$1field\$1 evanescen<br>\$4) near lens\$2)   | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:04 |
| S4    | 3686  | S2 and (actuat\$ magnet<br>\$ coil\$1) with ((object<br>\$3 condens\$5) near lens<br>\$2)   | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:06 |
| S5    | 110   | S3 and S4   | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:06 |
| S6    | 122   | S2 and (actuat\$ magnet<br>\$ coil\$1) with (sil (solid<br>near (immersion\$<br>emersion\$) near\$1field<br>\$1 evanescen\$4) near<br>lens\$2)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:07 |
| S7    | 68    | S4 and S6   | US-PGPUB;<br>USPAT | OR               | OFF     | 2010/02/17<br>13:07 |

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|-----|----|---|------------------------|----|-----|------------------|
| S8  | 67 | S2 and (actuat\$ (fine\$2 near servo\$3 and coarse \$2 near servo\$4)) same (sil (solid near (immersion\$ emersion \$) near\$1field\$1 evanescen\$4) near lens \$2) same ((object\$3 condens\$5) near lens \$2)   | US-PGPUB; USPAT        | OR | OFF | 2010/02/17 13:11 |
| S9  | 7  | ("5191562"   "5293360").PN. OR ("6262953").URPN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/17 13:17 |
| S10 | 22 | ("20040179273"   "3589812"   "4339177"   "4387133"   "4504616"   "5936928"   "5948544"   "5995475"   "6054503"   "6091549"   "6143826"   "6198069"   "6243350"   "6292453"   "6317276"   "6349083"   "6404498"   "6568594"   "6594205"   "6621787").PN. OR ("7042826").URPN.                        | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/02/17 13:34 |
| S11 | 3  | S2 and (actuat\$ (fine\$2 near servo\$3 and coarse \$2 near servo\$4)) same (sil (solid near (immersion\$ emersion \$) near\$1field\$1 evanescen\$4) near lens \$2) same (lc ew electro \$1wet\$4 liquid\$1 near crystal\$4 (adjust\$5 chang\$5 alter\$6) near2 (indices index\$2) near refract\$5) | US-PGPUB; USPAT        | OR | OFF | 2010/02/17 13:53 |
| S12 | 17 | S2 and (sil (solid near (immersion\$ emersion \$) near\$1field\$1 evanescen\$4) near lens \$2) same (lc ew electro \$1wet\$4 liquid\$1 near crystal\$4 (adjust\$5 chang\$5 alter\$6) near2 (indices index\$2) near refract\$5)  | US-PGPUB; USPAT        | OR | OFF | 2010/02/17 13:54 |

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|-----|-------|---|--------------------|----|-----|---------------------|
| S13 | 17    | S2 and (sil (solid near (immersion\$ emersion \$) near\$1field\$1 evanescen\$4) near lens \$2) same (lc ew electro\$1wet\$4 liquid\$1 near crystal\$4 (adjust\$5 vary \$5 varia\$5 correct\$5 chang\$5 alter\$6) near2 (indices index\$2) near refract\$5)            | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>13:57 |
| S14 | 24    | "369".clas. and (sil (solid near (immersion\$ emersion\$) near\$1field \$1 evanescen\$4) near lens\$2) same (lc ew electro\$1wet\$4 liquid\$1 near crystal\$4 (adjust\$5 vary\$5 varia\$5 correct \$5 chang\$5 alter\$6) near2 (indices index\$2) near refract\$5)    | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>13:57 |
| S15 | 24    | "369".clas. and (sil (solid near (immersion\$ emersion\$) near\$1field \$1 evanescen\$4) near lens\$2) same (lc\$1 ew electro\$1wet\$4 liquid\$1 near crystal\$4 (adjust\$5 vary\$5 varia\$5 correct \$5 chang\$5 alter\$6) near2 (indices index\$2) near refract\$5) | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>13:59 |
| S16 | 0     | 03-069380   | DERWENT            | OR | OFF | 2010/02/17<br>15:33 |
| S17 | 1     | "03069380"  | DERWENT            | OR | OFF | 2010/02/17<br>15:33 |
| S18 | 1     | "7126903".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>15:34 |
| S19 | 3     | "20020176148"<br>"20010017985"<br>"6369954".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>15:50 |
| S20 | 54201 | "369".clas.   | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>15:56 |
| S21 | 418   | S20 and (gap\$4 (air fly \$3 flie\$1) near2 (height \$1 high\$3 thick\$6 depth \$1 deep\$3)) with servo \$3   | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/17<br>15:58 |

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| S22 | 809 | S20 and (gap\$4 (air fly \$3 flie\$1) near2 (height \$1 high\$3 thick\$6 depth \$1 deep\$3)) with (servo \$3 error\$1)  | US-PGPUB; USPAT | OR | OFF | 2010/02/17 15:58 |
| S23 | 6   | S20 and (gap\$4 (air fly \$3 flie\$1) near2 (height \$1 high\$3 thick\$6 depth \$1 deep\$3)) with (servo \$3 error\$1) with bandwidth\$1  | US-PGPUB; USPAT | OR | OFF | 2010/02/17 15:58 |
| S24 | 40  | S20 and (gap\$4 (air fly \$3 flie\$1) near2 (height \$1 high\$3 thick\$6 depth \$1 deep\$3)) with (servo \$3 error\$1) with (fast\$3 quick\$3 respons\$5 bandwidth\$1)                      | US-PGPUB; USPAT | OR | OFF | 2010/02/17 15:59 |
| S25 | 28  | S20 and (gap\$4 (air fly \$3 flie\$1) near2 (height \$1 high\$3 thick\$6 depth \$1 deep\$3)) with (servo \$3 error\$1) same (fast \$3 quick\$3 responsive \$2 bandwidth\$1)                 | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:06 |
| S26 | 0   | "369".clas. and (sil (solid near (immersion\$ emersion\$) near\$1field \$1 evanescen\$4) near lens\$2) same (fzc (focus \$4 focal\$4) near zero\$3 near cross\$3 s\$1curv\$3 s adj curv\$5) | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:15 |
| S27 | 10  | "369".clas. and (sil (solid near (immersion\$ emersion\$) near\$1field \$1 evanescen\$4) near lens\$2) and (fzc (focus \$4 focal\$4) near zero\$3 near cross\$3 s\$1curv\$3 s adj curv\$5)  | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:17 |
| S28 | 0   | "0777217"   | DERWENT         | OR | OFF | 2010/02/17 16:19 |
| S29 | 12  | "777217"  | DERWENT         | OR | OFF | 2010/02/17 16:19 |
| S30 | 22  | S20 and ((focus\$6 focal \$) near3 (error\$1 servo \$4) fes fe) with modulat \$5 near3 (height\$1 high \$3 thick\$6 depth\$1 deep \$3)  | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:21 |

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| S31 | 5     | S20 and ((focus\$6 focal \$) near3 (error\$1 servo \$4) fes fe) with (magnitud\$ amplitud4) near3 (rf hf (radio high) adj frequency modulat\$ reproduc\$5) near signal \$1 | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:27 |
| S32 | 2     | ("6442110" "6310840" "20020136147" "6307689" "20030058777").pn. and evanesc\$  | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:41 |
| S33 | 4     | ("6442110" "6310840" "20020136147" "6307689" "20030058777").pn. and transpar\$   | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:43 |
| S34 | 5     | ("6442110" "6310840" "20020136147" "6307689" "20030058777").pn.  | US-PGPUB; USPAT | OR | OFF | 2010/02/17 16:47 |
| S35 | 54218 | "369".clas.  | US-PGPUB; USPAT | OR | OFF | 2010/02/19 16:09 |
| S36 | 292   | S35 and (focus\$4 focal \$) with (hf rf (radio high) near frequenc\$3 reproduc\$5) near (signal \$1 data\$1 information \$1) near4 (amplitude\$1 magnitude\$1)             | US-PGPUB; USPAT | OR | OFF | 2010/02/19 16:33 |
| S37 | 53    | S35 and (focus\$4 focal \$) near servo\$ with (hf rf (radio high) near frequenc\$3 reproduc\$5) near (signal\$1 data\$1 information\$1) near4 (amplitude\$1 magnitude \$1) | US-PGPUB; USPAT | OR | OFF | 2010/02/19 16:33 |
| S38 | 591   | S35 and modulat\$ with wobbl\$3 and modulat\$ with (lead\$1in\$1 read \$1in\$1)  | US-PGPUB; USPAT | OR | OFF | 2010/02/19 16:53 |
| S39 | 249   | S35 and modulat\$ with wobbl\$3 with (lead\$1in \$1 read\$1in\$1)  | US-PGPUB; USPAT | OR | OFF | 2010/02/19 16:54 |
| S40 | 93    | S35 and modulat\$ with wobbl\$3 with (lead\$1in read\$1in)   | US-PGPUB; USPAT | OR | OFF | 2010/02/19 17:05 |
| S41 | 1     | "6307689".pn.  | US-PGPUB; USPAT | OR | OFF | 2010/02/22 12:28 |

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| S42 | 1     | "6310840".pn. and "37" with "61"   | US-PGPUB; USPAT | OR | OFF | 2010/02/22 14:12 |
| S43 | 37    | "369".clas. and (amount \$1 degree\$1 quantit\$3) with evanesc\$   | US-PGPUB; USPAT | OR | OFF | 2010/02/22 14:56 |
| S44 | 76    | "369".clas. and (amount \$1 degree\$1 quantit\$3 intensit\$3) with evanesc\$   | US-PGPUB; USPAT | OR | OFF | 2010/02/22 15:12 |
| S45 | 17    | "369".clas. and (amount \$1 degree\$1 quantit\$3 intensit\$3) with evanesc\$ with (error\$1 servo\$ gap\$1)  | US-PGPUB; USPAT | OR | OFF | 2010/02/22 15:14 |
| S46 | 47    | "369".clas. and (amount \$1 degree\$1 quantit\$3 intensit\$3) with (error \$1 servo\$) near2 gap\$1  | US-PGPUB; USPAT | OR | OFF | 2010/02/22 15:16 |
| S47 | 83    | (Zijp near Ferry Balistreri near (Marcello Leonardo Mario) "Van Der Mark" near (Martinus Bernardus)).in.   | US-PGPUB; USPAT | OR | OFF | 2010/02/22 17:38 |
| S48 | 1     | 10/599991  | US-PGPUB; USPAT | OR | OFF | 2010/02/24 15:17 |
| S49 | 17382 | (369/44.22 369/44.26-44.27 369/44.29-44.31 369/44.34-44.36 369/47.38-47.39 369/447.45 369/47.49 369/47.55 369/53.2-53.25 369/53.28 369/112.02 369/112.23-112.26 369/275.1-275.5 428/64.1-64.9 430/270.11-270.21).ccls.                             | US-PGPUB; USPAT | OR | OFF | 2010/02/24 15:20 |
| S50 | 90    | S49 and (uneven\$6 rough\$6 (thick\$6 thin\$6 height\$1 high\$3 deep\$3 depth\$1) near (vary\$4 variation\$1 vary\$3 varie\$2 error\$1 chang\$5) toleran\$4) with (tranparen\$4 protect\$4 cover\$6) near3 (film\$1 layer\$1 substrate\$1) with nm | US-PGPUB; USPAT | OR | OFF | 2010/02/24 15:20 |
| S51 | 2     | "20030048740"  | US-PGPUB; USPAT | OR | OFF | 2010/02/24 16:07 |

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|-----|----|--|--------------------|----|-----|---------------------|
| S52 | 1  | "6301200".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/24<br>17:27 |
| S53 | 58 | (ferry near zijp "van der<br>mark" near (martinus<br>bernardus)).in. | US-PGPUB;<br>USPAT | OR | OFF | 2010/02/24<br>18:07 |

### EAST Search History (I nterference)

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**2/ 24/ 2010 6:18:16 PM**

**C:\ Documents and Settings\ ndanielsen\ My Documents\ EAST\ Workspaces\ 10-599991 a2.  
wsp**